

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2089	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2089 Stark	U	2.90				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.82	0.29	1.98	68.28%		
Trim / Thin Trees	0.21	0.19	0.97	33.45%		
Encroachments	0.01		0.01	0.35%		0.05
Animal Control	0.07		0.07	2.41%		
DWR Erosion Survey	0.03	0.03	0.15	5.17%		
<i>LMA Totals:</i>	1.14	0.51	3.18	109.66%	0.00	0.05

Unit No. 01 Old River	Overall Unit Rating	Total Unit Miles				
	U	1.53				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.23	0.11	0.67	43.79%		
Trim / Thin Trees	0.13	0.15	0.73	47.71%		
Animal Control	0.04		0.04	2.61%		
DWR Erosion Survey	0.03	0.02	0.11	7.19%		
<i>Unit Totals:</i>	0.43	0.28	1.55	101.31%	0.00	0.00

Unit No. 02 Salmon Slough	Overall Unit Rating	Total Unit Miles				
	U	1.37				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.59	0.18	1.31	95.62%		
Trim / Thin Trees	0.08	0.04	0.24	17.52%		
Encroachments	0.01		0.01	0.73%		0.05
Animal Control	0.03		0.03	2.19%		
DWR Erosion Survey		0.01	0.04	2.92%		
<i>Unit Totals:</i>	0.71	0.23	1.63	118.98%	0.00	0.05

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2009 Levee Inspection Results

Reclamation District No. 2089 Stark

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 2089 Stark

Waterway			Bank	Unit Miles
Unit No. 01 Old River			Right	1.53

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/11/2009		10/8/2009	
DWR Inspector	Herman Phillips		John Paasch	
Accompanied By			Mario Jaques RD 2089	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Old River						Right	1.53	10/09/2009 10/09/2009	John Paasch	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	0.01	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.811582 ° -121.385448 °	37.811582 ° -121.385448 °	3
2	0.04	0.10	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	37.811453 ° -121.385660 °	37.811255 ° -121.386705 °	933
3	0.07	0.07	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.811350 ° -121.386077 °	37.811350 ° -121.386077 °	934 Y
4	0.10	0.10	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level. Inspector Comments: Two scrub oaks obstruct access to levee slope.	37.811272 ° -121.386703 °	37.811272 ° -121.386703 °	935
5	0.18	0.18	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.810833 ° -121.387897 °	37.810833 ° -121.387897 °	936 Y
6	0.22	0.22	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 2009: localized sloughing at the toe; recommend annual assessment and monitoring of erosion site, per CLRO CES Evaluation 2008 Report; previously rated "M" [2009 SiteID:RD2089U1RM30.02]	37.810460 ° -121.388870 °	37.810460 ° -121.388870 °	2
7	0.23	0.23	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.810528 ° -121.388817 °	37.810528 ° -121.388817 °	937
8	0.23	0.23	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.810532 ° -121.388823 °	37.810532 ° -121.388823 °	938
9	0.24	0.24	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.810490 ° -121.389018 °	37.810490 ° -121.389018 °	939
10	0.24	0.24	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bamboo remains as an obstruction despite recent burning.	37.810488 ° -121.389018 °	37.810488 ° -121.389018 °	940 Y
11	0.25	0.25	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.810408 ° -121.389237 °	37.810408 ° -121.389237 °	941
12	0.26	0.26	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Brush is growing despite the rock protection.	37.810380 ° -121.389282 °	37.810380 ° -121.389282 °	942
13	0.27	0.27	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.810343 ° -121.389470 °	37.810343 ° -121.389470 °	943
14	0.29	0.34	Earthen Levee	Vegetation	LS	U	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Brush and trees are thick in this reach. Access and visibility is completely blocked.	37.810267 ° -121.389753 °	37.810012 ° -121.390697 °	944 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Old River				Right	1.53	10/09/2009 10/09/2009	John Paasch	

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
15	0.30	0.31	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: No change observed; recommend annual assessment and monitoring of erosion site, per CLRO CES Evaluation 2008 Report; site same as RM29.95, LM0.22; previously rated "M" [2009 SiteID:RD2089U1RM29.95]	37.810050 ° -121.390260 °	37.810050 ° -121.390260 °	4
16	0.36	0.37	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	37.809963 ° -121.390925 °	37.809920 ° -121.391105 °	945 Y
17	0.38	0.38	Earthen Levee	Trim / Thin Trees	LS	U	Thin trees to allow visibility of the ground and room to flood fight.	37.809865 ° -121.391303 °	37.809865 ° -121.391303 °	946
18	0.39	0.39	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows. Inspector Comments: Burrow holes on both sides of levee road.	37.809870 ° -121.391465 °	37.809870 ° -121.391465 °	947
19	0.41	0.47	Earthen Levee	Trim / Thin Trees	LS	U	Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trees, Elderberries, Blackberries obstruct access and visibility.	37.809793 ° -121.391717 °	37.809592 ° -121.392822 °	948 Y
20	0.41	0.41	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 2009: no change observed; recommend annual assessment and monitoring of erosion site, per CLRO CES Evaluation 2008 Report; same as RM29.84, LM0.30; previously rated "M" [2009 SiteID:RD2089U1RM29.83]	37.809530 ° -121.392160 °	37.809530 ° -121.392160 °	5
21	0.49	0.49	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.809658 ° -121.393023 °	37.809658 ° -121.393023 °	949 Y
22	0.54	0.61	Earthen Levee	Trim / Thin Trees	WS	U	Trim trees to at least five feet above ground level.	37.810137 ° -121.394150 °	37.810195 ° -121.395417 °	11 Y
23	0.60	0.60	Earthen Levee	Trim / Thin Trees	LS	M	Thin trees to allow visibility of the ground and room to flood fight.	37.810230 ° -121.394967 °	37.810230 ° -121.394967 °	950
24	0.64	0.64	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.810130 ° -121.395732 °	37.810130 ° -121.395732 °	951
25	0.66	0.66	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: No change observed; site is immediately downstream of where berm has tapered; recommend as local maintenance issue, per CLRO CES Evaluation 2008 Report; site is same as RM29.6, LM0.60; previously rated "U" [2009 SiteID:RD2089U1RM29.61]	37.809780 ° -121.396230 °	37.809780 ° -121.396230 °	1

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Old River						Right	1.53	10/09/2009 10/09/2009	John Paasch	

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
26	0.72	0.77	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: black berry bushes on levee toe block access and visibility.	37.809508 ° -121.397062 °	37.808975 ° -121.397528 °	952
27	0.78	0.78	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Thick brush on levee slope.	37.808857 ° -121.397412 °	37.808857 ° -121.397412 °	953
28	0.86	0.89	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.807912 ° -121.397768 °	37.807423 ° -121.397727 °	954
29	0.96	0.96	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Bamboo and Tobacco leaf.	37.806412 ° -121.397783 °	37.806412 ° -121.397783 °	955
30	1.01	1.07	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.806088 ° -121.398710 °	37.805903 ° -121.399857 °	15
31	1.04	1.06	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.806063 ° -121.398930 °	37.805967 ° -121.399348 °	956
32	1.10	1.10	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Brush blocks access.	37.805830 ° -121.400007 °	37.805830 ° -121.400007 °	957
33	1.18	1.18	Supplemental	DWR Erosion Survey	WS	M	Inspector Comments: 2009: existing revetment being disturbed due to human traffic; recommend as a local maintenance issue, per CLRO CES Evaluation 2008 Report; site is same as RM29.1,LM1.10; previously rated "M" [2009 SiteID:RD2089U1RM29.11]	37.805530 ° -121.401700 °	37.805530 ° -121.401700 °	6
34	1.24	1.40	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Keep the crown roadway free of vegetation. Inspector Comments: Crown has been cleared of vegetation.	37.810189 ° -121.389920 °	37.810189 ° -121.389920 °	22
35	1.26	1.26	Earthen Levee	Trim / Thin Trees	LS	U	Trim trees to at least five feet above ground level. Inspector Comments: Improvements made, however trees remain obstructive.	37.805778 ° -121.402852 °	37.805778 ° -121.402852 °	16
36	1.35	1.40	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.806108 ° -121.404430 °	37.807467 ° -121.408873 °	17
37	1.41	1.53	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.806275 ° -121.405685 °	37.806717 ° -121.407897 °	18
38	1.42	1.48	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.806312 ° -121.405895 °	37.806448 ° -121.406885 °	19
39	1.48	1.48	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees over roadway to at least 12 feet above ground level.	37.806448 ° -121.406885 °	37.806448 ° -121.406885 °	20

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.53	10/09/2009 10/09/2009	John Paasch

Levee Mile Report Line	3
Start Levee Mile	0.07
End Levee Mile	0.07
Location	Water Side
Category	Earthen Levee
Item	Animal Control

Animal burrows on waterside slope near crown.

jpaasch_20091016_46.jpg



Levee Mile Report Line	5
Start Levee Mile	0.18
End Levee Mile	0.18
Location	Crown
Category	Earthen Levee
Item	Animal Control

Burrows on levee crown.

jpaasch_20091016_48.jpg



Levee Mile Report Line	10
Start Levee Mile	0.24
End Levee Mile	0.24
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo of thick bamboo stands on landside slope.

jpaasch_20091016_47.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.53	10/09/2009 10/09/2009	John Paasch

Levee Mile Report Line	14
Start Levee Mile	0.29
End Levee Mile	0.34
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo of thick brush and trees on landside slope.

jpaasch_20091019_54.jpg



Levee Mile Report Line	16
Start Levee Mile	0.36
End Levee Mile	0.37
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo of some obstructive elderberry or tobacco leaf on levee slope

jpaasch_20091019_55.jpg



Levee Mile Report Line	19
Start Levee Mile	0.41
End Levee Mile	0.47
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Photo of completely obstructive vegetation on levee slope.

jpaasch_20091019_56.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Old River	Right	1.53	10/09/2009 10/09/2009	John Paasch

Levee Mile Report Line	21
Start Levee Mile	0.49
End Levee Mile	0.49
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Trees within 20-ft of levee crown on the waterside slope obstruct visibility and access.

jpaasch_20091019_57.jpg



Levee Mile Report Line	22
Start Levee Mile	0.54
End Levee Mile	0.61
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Photo of trees within 20-ft of the levee crown on waterside slope. Access and visibility are obstructed.

jpaasch_20091019_58.jpg



*** Location**

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**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 2089 Stark

Waterway			Bank	Unit Miles
Unit No. 02 Salmon Slough			Right	1.37
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/11/2009		10/8/2009	
DWR Inspector	Herman Phillips		John Paasch	
Accompanied By				

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

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DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Salmon Slough					Right	1.37		John Paasch

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.02	0.02	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.806772 ° -121.407972 °	37.806772 ° -121.407972 °	3
2	0.08	0.08	Earthen Levee	Vegetation	WS	U	Elderberries are blocking visibility and flood fight capability. Inspector Comments: Thick brush may include some elderberries.	37.807375 ° -121.408605 °	37.807375 ° -121.408605 °	4 Y
3	0.21	0.21	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.809058 ° -121.409712 °	37.809058 ° -121.409712 °	5
4	0.23	0.23	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.809282 ° -121.409930 °	37.809282 ° -121.409930 °	6
5	0.30	0.30	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.809878 ° -121.411027 °	37.809878 ° -121.411027 °	7
6	0.34	0.34	Earthen Levee	Encroachments	LS	M	Debris	37.810045 ° -121.411527 °	37.810045 ° -121.411527 °	20
7	0.40	0.66	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberries and othe brush block access and visibility.	37.810157 ° -121.412928 °	37.812395 ° -121.415813 °	8 Y
8	0.42	0.43	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: Updated pictures; pocket erosion with exposed tree roots; protruding rip rap is creating an eddy, scouring the levee slope; site is same as RM28.4, LM0.30; previously rated "U" [2009 SiteID:RD2089U2RM28.35]	37.809960 ° -121.413200 °	37.809960 ° -121.413200 °	1
9	0.69	0.85	Earthen Levee	Vegetation	WS	U	Remove the wild growth other than native grasses from the levee slopes.	37.812658 ° -121.415193 °	37.814843 ° -121.414732 °	10
10	0.80	0.80	Earthen Levee	Vegetation	CR	U	Elderberries are blocking visibility and flood fight capability.	37.814070 ° -121.414325 °	37.814070 ° -121.414325 °	21
11	0.85	1.37	Earthen Levee	Crown Surface / Depressions / Rutting	CR	C	Keep the crown roadway free of vegetation. Inspector Comments: Crown appeared to be in good shape.	37.814830 ° -121.414718 °	37.819362 ° -121.419625 °	12
12	0.88	0.91	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Actibe rodent burrows and both sides of levee.	37.814978 ° -121.415117 °	37.814898 ° -121.415653 °	13 Y
13	1.04	1.37	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	37.815352 ° -121.417838 °	37.819360 ° -121.419625 °	15
14	1.04	1.37	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Improvements made using an arm mower however vegetation remains obstructive.	37.815353 ° -121.417840 °	37.819358 ° -121.419625 °	16

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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CO : Completely Obstructing
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Salmon Slough						Right	1.37		John Paasch

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	1.17	1.20	Earthen Levee	Trim / Thin Trees	WS	M	Trim trees to at least five feet above ground level.	37.816900 ° -121.419190 °	37.817185 ° -121.419330 °	17
16	1.19	1.19	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	37.817048 ° -121.419307 °	37.817048 ° -121.419307 °	14
17	1.27	1.37	Earthen Levee	Trim / Thin Trees	LS	C	Trim trees to at least five feet above ground level.	37.818125 ° -121.419715 °	37.819357 ° -121.419625 °	18
18	1.27	1.31	Earthen Levee	Trim / Thin Trees	WS	U	Trim trees to at least five feet above ground level. Inspector Comments: Improvements have been made to clear access on crown, however the waterside slope remains inaccessible.	37.818125 ° -121.419713 °	37.818685 ° -121.419727 °	19
19	1.28	1.33	Earthen Levee	Encroachments	WS	CO	Buildings Inspector Comments: Buildings and equipment encroach within 10-ft of landside toe.	37.818277 ° -121.419725 °	37.819040 ° -121.419760 °	23 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Salmon Slough	Right	1.37		John Paasch

Levee Mile Report Line	2
Start Levee Mile	0.08
End Levee Mile	0.08
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Photo of unacceptable vegetation on levee slope.

jpaasch_20091019_49.jpg



Levee Mile Report Line	7
Start Levee Mile	0.40
End Levee Mile	0.66
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Photo of brush on landside toe limits visibility and accessibility.

jpaasch_20091019_50.jpg



Levee Mile Report Line	12
Start Levee Mile	0.88
End Levee Mile	0.91
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Photo of active rodent burrow on waterside slope.

jpaasch_20091019_51.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 2089 Stark

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Salmon Slough	Right	1.37		John Paasch

Levee Mile Report Line	19
Start Levee Mile	1.28
End Levee Mile	1.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Boat and equipment stored within 10-ft of levee slope are an encroachment.

jpaasch_20091019_52.jpg



Levee Mile Report Line	19
Start Levee Mile	1.28
End Levee Mile	1.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Buildings and patio decks are built within 10-ft of the levee slope.

jpaasch_20091019_53.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable N : Not Inspected